

Converting Colors

CIELCh(54, 110.251, 324.634)

Have a look what the booklet for
CIELCh(54, 110.251, 324.634)
contains.

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Color

CIELCh(54, 110.419, 324.559)

Conversions

Conversions Part 1

Format	Color
Hex	DC10F2
RGB	220, 16, 242
RGB Percent	86%, 6%, 95%
CMY	0.1375, 0.9381, 0.0513
CMYK	0.09, 0.93, 0.00, 0.05
HSL	294°, 90%, 51%
HSV	294°, 93%, 95%
XYZ	45.6915, 21.9746, 85.7819
YIQ	102.7600, 49.0380, 113.5340

Conversions

Conversions Part 2

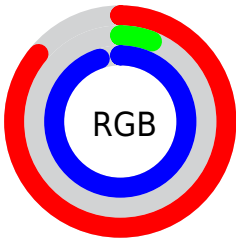
Format	Color
R _Y B	220, 16, 242
Decimal	14422258
CIE Lab	54.00, 89.96, -64.03
CIE LCh	54, 110.419, 324.559
Yxy	21.9746, 0.2978, 0.1432
Android (android.graphics.Color)	4292612338 (0xFFDC10F2)
YUV	102.7600, 68.6453, 102.8195
Hunter-Lab	46.8770, 91.9510, -75.6829

Details

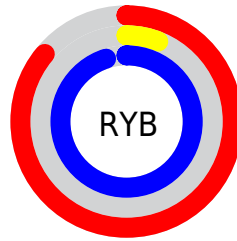
The CIELCh color **54, 110.419, 324.559** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **84, 112.775, 135.641**, and the grayscale version is **43, 0.006, 296.813**.

A 20% lighter version of the original color is **68, 90.426, 327.467**, and **40, 91.758, 323.042** is the 20% darker color. If you saturate the color by 10%, you get **53, 111.789, 324.396**, and if you desaturate by 10%, it is **56, 106.367, 324.700**.

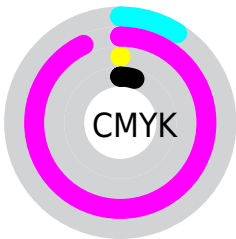
Distribution



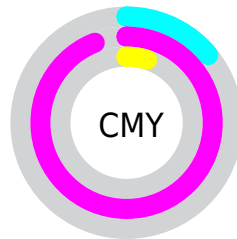
- Red (86%)
- Green (6%)
- Blue (95%)



- Red (86%)
- Yellow (6%)
- Blue (95%)



- Cyan (9%)
- Magenta (93%)
- Yellow (0%)
- Black (5%)





- Cyan (14%)
- Magenta (94%)
- Yellow (5%)


Brightness & Saturation Gradients


These gradients show how the CIELCh color 54, 110.419, 324.559 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.


Similar to the brightness gradients but the following saturation gradients show a change of the CIELCh color 54, 110.419, 324.559 by changing the saturation by 10% instead.


 54, 110.419,
324.559


 54, 110.419,
324.559


 100, 110.419,
324.559


 44, 110.419,
324.559


 74, 110.419,
324.559


 34, 110.419,
324.559


 84, 110.419,
324.559

 24, 110.419,
324.559

 94, 110.419,
324.559

 14, 110.419,
324.559

 4, 110.419,
324.559

 0, 110.419,
324.559

■ 54, 110.419,
324.559

■ 54, 110.419,
324.559

■ 53, 111.789,
324.396

■ 56, 106.367,
324.700

■ 58, 99.358,
324.679

■ 61, 89.633,
324.512

■ 66, 77.732,
324.226

■ 70, 64.289,
323.849

■ 76, 49.893,
323.411

■ 81, 35.020,
322.935

■ 87, 20.019,

322.438

■ 93, 5.129, 321.908

Harmonies

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



54, 110.419, 324.559



84, 112.775, 135.641

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



54, 110.419, 324.559



54, 110.419, 14.559



54, 110.419, 144.559



54, 110.419, 194.559

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



54, 110.417, 324.559



83, 43.605, 323.157



34, 118.415, 304.198



41, 30.078, 323.361



0, 0.000, 0.000



53, 0.007, 296.813

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



54, 110.417, 324.559



56, 116.336, 324.386



53, 83.524, 351.499



47, 8.356, 322.235



40, 90.881, 324.460



9, 39.625, 324.973

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



51, 91.991, 34.074



53, 100.349, 36.836



84, 91.318, 145.667



47, 5.024, 12.093



38, 77.591, 35.962



8, 29.361, 19.866

Previews

White Background



This preview shows how the CIELCh color 54, 110.419, 324.559 looks on a white background.

Color Contrast Check

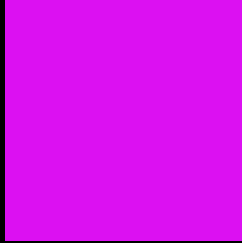
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the CIE LCh color 54, 110.419, 324.559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

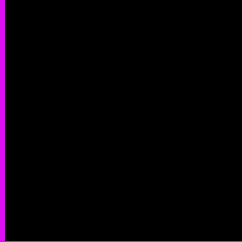
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

CIELCh 54, 110.419, 324.559

Background



This preview shows how black text looks on a background with the CIELCh color 54, 110.419, 324.559.



This preview shows how white text looks on a background with the CIELCh color 54, 110.419, 324.559.

324.559.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

54, 110.419, 324.559

Protanopia

55, 74.171, 287.268

Deuteranopia

55, 56.479, 278.503



Tritanopia
54, 46.276, 21.659

Trichromacy



Original Color
54, 110.419, 324.559



Protanomaly
48, 94.645, 303.541



Deuteranomaly
48, 83.311, 302.695



Tritanomaly
52, 65.467, 345.392

Monochromacy



Original Color
54, 110.419, 324.559



Achromatopsia
44, 0.006, 296.813



Achromatomaly
43, 54.401, 324.212

CSS Examples

Text

The CSS property to change the color of the text to CIELCh 54, 110.419, 324.559 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(220, 16, 242)` looks like.

```
.text, #text, p{  
    color:rgb(220, 16, 242)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(220, 16, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 16, 242) }
```

Border

The CSS property to change the border of an element to CIELCh 54, 110.419, 324.559 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(220, 16, 242) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(220, 16, 242) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(220, 16, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 16, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 16, 242);  
box-shadow:4px 4px 4px 4px rgb(220, 16,  
242) }
```

Background

The CSS property to change the background color of an element to CIELCh 54, 110.419, 324.559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 16, 242) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(220, 16,  
242) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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